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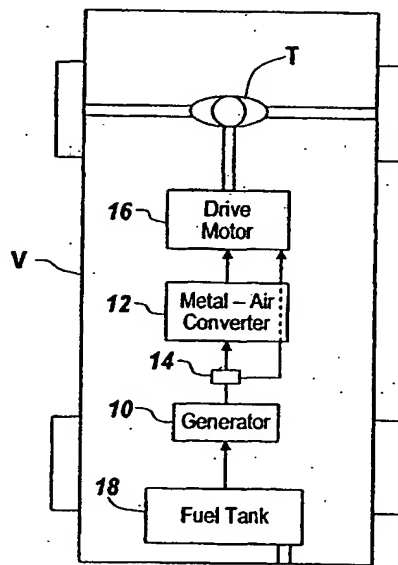
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(54) Title: **SYSTEM AND METHOD FOR RECHARGING A METAL-AIR CONVERTER USED FOR VEHICLE PROPULSION**



(57) Abstract: A power supply system for powering an electric motor (16) in an electric vehicle includes a metal-air converter (12) connected to the motor (16) for driving the motor (16) and a generator (10) connected to the metal-air converter (12) for recharging the metal-air converter (12). The generator (10) may also directly provide electricity to the motor (16) simultaneously with the metal-air converter (12). The system further includes a structure for providing a supply of fuel to the generator (10) that in turn converts the fuel to electricity.